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(54) **METHOD FOR REMOVING PAINT FROM A SUBSTRATE**

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(57) **ABSTRACT**

A method for removing paint from a substrate includes the steps of providing a sponge having a first surface for contact with the substrate, providing ultrasonic transducers in contact with a second surface of the sponge opposite from the first surface, saturating the sponge with water to provide a path of water extending from the transducers to the substrate, and activating the transducers to generate (i) a low frequency acoustic field; and (ii) a high frequency acoustic field; and thereby (iii) micron-sized vapor or cavitation bubbles which impinge upon the paint on the substrate to remove the paint from the substrate.

8 Claims, 1 Drawing Sheet